

WHAT IS CLAIMED IS:

1. A lateral force-measuring device for wheel, which comprises;  
5 a rotator axially installed with universal function for moving in an axial direction and is dependently rotated by a rotation of a pressed wheel, and  
a load-measuring device measuring a moving load for an axial direction of a rotator when a rotator is rotated.

10 2. The lateral force-measuring device for wheel, as claimed in claim 1, wherein said rotator axially installed with universal function for moving in an axial direction is dependently rotated by a rotation of one of a pair of pressed wheels.

15 3. A lateral force-measuring device for wheel as set forth in claim 1, which further comprises;  
a dog relatively attached to said rotator with universal function for rotation, and  
20 a load sensor measuring a moving load of the dog.

4. The lateral force-measuring device for wheel as set forth in claim 2, which further comprises;  
a dog relatively attached to said rotator with universal function for rotation, and  
25 a load sensor measuring a moving load of the dog.

5. A lateral force-measuring device for wheel as set forth  
in claim 1 comprises;  
a wheel-driving device to rotate said wheel.

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6. The lateral force-measuring device for wheel as set forth  
in claim 2 comprises;  
a wheel-driving device to rotate said wheel.

10 7. The lateral force-measuring device for wheel as set forth  
in claim 3 comprises;  
a wheel-driving device to rotate said wheel.

15 8. The lateral force-measuring device for wheel as set forth  
in claim 4 comprises;  
a wheel-driving device to rotate said wheel.

20 9. A vehicle inspecting system incorporating a lateral  
force-measuring device for wheel therein as set forth in any one  
of claims 1 to 8.

10. A lateral force-measuring method for wheel comprises such  
that a wheel is pressed to a rotator axially installed with  
universal function for moving in an axial direction, and a rotator  
25 is dependently rotated by a rotation of a wheel to measure a moving  
load for an axial direction of a rotator.

11. The lateral force-measuring method for wheel as set  
forth in claim 10, wherein one of a pair of wheels is independently  
pressed to a rotator axially installed with universal function  
5 for moving in an axial direction.

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